



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 19, 2016

Annette Bloomberg
Regulatory Product Manager
Bayer CropScience
P.O. Box 12014
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Subject: Notification per PRN 98-10 – adding large container handling instructions and removing ‘Mustard, wild’ from weeds list
Product Name: Derringer Herbicide
EPA Registration Number: 432-1228
Application Date: 7/6/2016
Decision Number: 519227

Dear Annette Bloomberg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

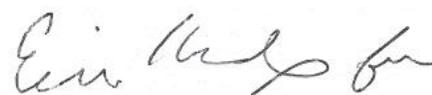
The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Nathan Mellor at 703-347-8562 or via email at mellor.nathan@epa.gov.

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EPA Reg. No. 432-1228
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Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft for". The signature is fluid and cursive.

Erik Kraft, Acting Product Manager
24
Fungicide and Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

GROUP	10	HERBICIDE
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DERRINGER™ HERBICIDE

ABN: FINALE VU HERBICIDE

FOR NON-SELECTIVE POSTEMERGENCE WEED CONTROL IN NON-CROP AREAS AND FOR SITE PREPARATION IN CONIFER AND HARDWOOD TREE PRODUCTION AREAS

Editorial Note – [Bracketed text] is optional language

ACTIVE INGREDIENT:

Glufosinate Ammonium*11.33%**

OTHER INGREDIENTS:88.67%

TOTAL:100.00%

*CAS Number 77182-82-2

**Contains 1.0 pound of active ingredient per U.S. gallon.

NOTIFICATION

432-1228
 The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated: 07/19/2016

EPA Reg. No. 432-1228

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
 WARNING – AVISO**

**Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you do not understand the label, find someone to explain it to you in detail.)**

See [Back] [Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

In case of MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577. For PRODUCT USE information Call 1-800-331-2867

[See [side][&]back] [panel] [inside] [attached] [leaflet] [booklet][bag] [carton][attached to] [individual containers][for complete] [First Aid Instructions] [Precautionary Statements], [Precautions][Directions] [for Use] [and] [Storage and Disposal] [Instructions][Information]]

FIRST AID	
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
If in eyes:	Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
If on skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: If this product is ingested, endotracheal intubation and gastric lavage should be performed as soon as possible, followed by charcoal and sodium sulfate administration. Additionally, call 1-800-334-7577 immediately for further information.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

Long-sleeved shirt and long pants; chemical-resistant gloves (such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton[®] ≥ 14 mils) shoes plus socks and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not clean equipment or dispose of equipment washwaters or rinsate in a manner that will contaminate water resources or arable land. Glufosinate-ammonium and its' degradates have those properties normally associated with pesticides that have been detected in groundwater. Use of this product in areas with coarse soils and high water tables may result in groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not use this product until you have read the entire label.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

In the State of New York only: Not for use in Nassau and Suffolk Counties.

PRODUCT INFORMATION

Derringer™ Herbicide is a non-selective water soluble herbicide for general weed control on terrestrial non-crop sites and for site preparation in conifer and hardwood production areas. Foliar applications may be made on a broadcast, banded, or spot treatment basis depending on the situation. Derringer™ Herbicide can be tank mixed with other herbicides registered for similar uses. When tank mixing, use the most restrictive limitations from the labeling of both products.

When applied as recommended in this label, Derringer™ Herbicide controls a broad spectrum of emerged annual and perennial grasses and broadleaf weeds, including many terrestrial and riparian invasive and noxious weeds. Derringer™ Herbicide will also control or suppress certain woody species (trees, brush, and vines) including conifers. Plants that have not yet emerged at the time of application will not be controlled. THOROUGH SPRAY COVERAGE IS IMPORTANT. Visual effects and control from application of Derringer™ Herbicide occur within 2 to 4 days after application under good growing conditions. Avoid all contact, including direct spray and drift, with foliage or green tissue of desirable plants including green, thin or uncalloused bark. This product is non-selective and will injure or kill all green vegetation contacted by the spray. If desirable vegetation is contacted, rinse the sprayed portion with water immediately.

Derringer™ Herbicide works best when weeds are actively growing. Weed control may be reduced when applications are made to weeds under stress due to drought or cool temperatures. Weeds under stress or in dense populations require application at the highest recommended rate. Regrowth may occur due to the weed's growth stage at application, use rate, or environmental conditions. Repeat treatments may be necessary to control plants generating from underground reproductive parts or seed.

Aerial applications of Derringer™ Herbicide should be made only under the conditions specified within this label.

Derringer™ Herbicide is rainfast in a minimum of one-half hour and an average of 4 hours after application depending upon weed species, environmental conditions, and herbicide application rate.

USE PRECAUTIONS

DO NOT apply more than 6 quarts of Derringer Herbicide per acre per year.

DO NOT apply this product through any type of irrigation system.

DO NOT apply directly to or allow drift to contact desirable green tissue or green, thin, or uncalloused bark of desirable vegetation.

DO NOT allow grazing of vegetation treated with this product.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses; and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry-interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils; shoes plus socks; protective eyewear.

NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The application for trimming and edging, industrial, recreational and public areas, and farmsteads are not within the scope of the WPS. Keep unprotected persons out of the treated areas until sprays have dried.

USES

Non-Selective Weed Control

Derringer™ Herbicide is labeled for general weed and brush control on private, public and military lands as follows: uncultivated non-agricultural areas (such as airports, highway, railroad and utility rights-of-way, sewage disposal areas, etc.); uncultivated agricultural areas – non-crop producing (such as farmyards, fuels storage areas, fence rows, non-irrigation ditchbanks, barrier strips, etc.); industrial sites – outdoor (such as lumberyards, pipeline, and tank farms, etc.) and natural areas (such as wildlife management areas, wildlife openings, wildlife habitats). Refer to the How to Apply section of this labeling for appropriate application rates to control specific weeds.

Side Trimming

To control only a portion of the plant, direct the spray solution to thoroughly cover (spray to wet) only the portion of the plant to be controlled. Do not apply more than 6 quarts of Derringer™ Herbicide per acre when side trimming.

Site Preparation for Conifer and Hardwood Production Areas

When applied as recommended on this label, this product may be used for the control of undesirable plants in site preparation prior to planting conifer and hardwood species. Do not apply Derringer™ Herbicide as an over-the-top broadcast spray to desirable conifer or hardwood plantings. Seedling conifer and hardwood trees may be planted into the treated area after the restricted entry interval (REI) of 12 hours has elapsed. Refer to the How to apply section of this labeling for the appropriate application rates to control specific weeds.

Weed Control in Dormant Roadside Bermudagrass Turf

Derringer Herbicide may be used to control ryegrass and other winter annual weeds in unimproved, dormant roadside Bermudagrass turf. Apply only when the turf is fully dormant and prior to spring green-up or turfgrass injury or delayed green-up may occur. For best results, apply Derringer Herbicide at a rate of 3 to 6 quarts per acre after most weeds have germinated and are in an early growth stage. Refer to the Broadleaf and Grass Weeds Controlled by Derringer Herbicide section of this label for selecting recommended rates. Do not apply more than 6 quarts of Derringer Herbicide per acre per year for this use. Avoid high volume and spot applications where spray volume exceeds 80 gallons per acre or injury or delayed green-up may occur.

HOW TO MIX

Derringer Herbicide must be mixed with water to make a finished spray solution as follows:

1. Fill the spray tank with the required amount of water.
2. Add the proper amount of this product, then mix thoroughly.

HOW TO APPLY

Spot or Directed Applications

This product may be used as a spot- or directed-spray application. Prepare the desired volume of spray solution by mixing Derringer Herbicide in water with the amounts indicated in the following table:

Table 1. Amount of Derringer Herbicide added to water to make 1, 25, or 100 gallons of spray solution at dosages of 1-6%. See Table 2 for % solution to use based on target vegetation.

% SOLUTION	VOLUME OF SPRAY SOLUTION		
	1 GALLON	25 GALLONS	100 GALLONS
	DERRINGER HERBICIDE		
1%	1.5 fl oz	1 quart	1 gallon
1.5%	2 fl oz	1.5 quarts	1.5 gallons
2.5%	3 fl oz	2.5 quarts	2.5 gallons
3%	4 fl oz	3 quarts	3 gallons
6%	8 fl oz	6 quarts	6 gallons

Select appropriate solution and spray undesirable vegetation foliage on a spray-to-wet basis. Do not apply beyond runoff. Ensure uniform and complete coverage. Use a coarse spray. To minimize drift, avoid spraying during windy conditions. Backpack, pump-up, and hydraulic sprayers may be used. Thoroughly clean the sprayer following use.

Broadcast or Boom Applications

Use a minimum of 20 gallons of water per acre with spray pressures no greater than are required to obtain adequate plant coverage.

Aerial Applications (Helicopter Application only)

Use a drift control device such as a "Microfoil", "Thru Valve-Boom®" or equivalent drift control system when applying as a foliar treatment to utility rights-of-way, tree production areas, ditch banks or other approved sites that may be near susceptible crops. The application volume required will vary with the height and density of the vegetation and the application equipment used. Generally, aerial applications will require a minimum of 15 gallons per acre to ensure thorough coverage. Do not apply when winds are gusty or under any condition which favor drift on to desirable vegetation. Applications under conditions, which cause drift of this product, will result in damage to vegetation contacted. Drift control additives may be used. If a drift control additive is used, observe and follow all directions and precautions as specified on the additive label.

TANK MIX DIRECTIONS FOR NONCROP USES

Tank mixes of Derringer Herbicide plus one or more appropriate residual herbicide(s) listed on this label may be needed to control vegetation emerging from underground reproductive parts or seeds, as well as vegetative growth from previously treated plants. Derringer Herbicide is compatible in tank mixes with many other herbicides; however, test for compatibility prior to tank mixing with tank mix partners other than those listed on this label. Use as directed on the labeling of the tank mix partner.

A tank mix application of Derringer Herbicide plus one or more of the following herbicides is recommended for broad-spectrum postemergence and preemergence vegetation control.

Arsenal® Powerline Herbicide	Method® 240 SL Herbicide
Esplanade® 200 SC	Streamline® Herbicide
Perspective® Herbicide	
Viewpoint® Herbicide	

Compatibility Testing With Tank Mix Partners

A compatibility test must be conducted with any potential tank mix partner with Derringer Herbicide, except with any one of those listed above. Using a clear glass quart jar, conduct the test as described below:

1. Fill the jar three-quarters full with water
2. Add the appropriate amount of herbicide in the following order: (a) dry flowable, (b) wettable powder, (c) aqueous suspensions, (d) flowables, (e) liquids and (f) solutions and emulsifiable or liquid concentrates. Shake or gently stir jar after each addition to thoroughly mix.
3. After adding all ingredients, let the mixture stand for 15 minutes and then look for separation, large flakes, precipitates, gels, and heavy oily film on the jar or other signs of incompatibility.
4. If the compatibility test shows signs of incompatibility, do not tank mix the product tested with Derringer Herbicide.

Use of Spray Adjuvants

The addition of a nonionic antifoaming agent may reduce foaming, especially when using soft water. The use of Methylated seed oil (MSO) at 1% v/v (1 gallon per 100 gallons of spray solution) or non-ionic surfactant (NIS) at a minimum rate of 0.25% v/v (1 quart per 100 gallons of spray solution) may be used for foliar applications.

The addition of 8.5 to 17 pounds of ammonium sulfate (spray grade) per 100 gallons of water (1 to 2% by weight) or 2 to 4 pounds of ammonium sulfate per acre may result in better weed control.

Broadleaf and Grass Weeds Controlled by Derringer™ Herbicide

For postemergence control of the weeds listed in the table below, apply Derringer at the recommended rates for broadcast or spot applications based on weed size and stage of growth.

Table 2 Rates for postemergence weed control

Weed Size and Stage	Broadcast Derringer Herbicide Rate Per Acre (Quarts)	Spot Spray Derringer Herbicide % Solution
Weeds < 3" in height	2 to 3	1 to 1.5
Weeds < 6" in height, pre-tiller grasses	3 to 4	1.5 to 2.5
Weeds > 6" in height and/or grasses that have tillered	4 to 6	2.5 to 3

Broadleaf Weeds

Bindweed	Heath aster, white	Nettle	Sowthistle, annual
Buffalobur	Henbit	Nightshade	Thistle, musk
Burdock	Horsetail	Pennycress	Velvetleaf
Canada thistle	Jimsonweed	Pigweed, red root	Vervain
Chickweed	Kochia	Plantain	Virginia copperleaf
Clover	Lambsquarters	Pokeweed	Wild buckwheat
Cocklebur, common	Leafy spurge	Prickly lettuce	Wild mustard
Dock, curly	London rocket	Purslane	Wild onion
Dandelion	Malva (little mallow)	Ragweed	Wild turnip
Dogbane, hemp	Marestail	Rocket, yellow	Woodsorrel
Filaree	Mugwort	Russian thistle	
Fleabane, annual	Mullein	Shepherdspurse	
Goldenrod	Mustard, wild	Smartweed	

Grasses and Sedges

Annual bluegrass	Dallisgrass	Lovegrass	Vaseygrass
Bahiagrass	Fall panicum	Nutsedge	Wheat, volunteer
Barley	Fescue	Paragrass	Wild oat
Barnyardgrass	Foxtail, giant	Quackgrass	Windgrass
Bromegrass, downy	Foxtail, green	Ryegrass	
Bromegrass, smooth	Foxtail, yellow	Sandbur	
Carpetgrass	Goosegrass	Shattercane	
Crabgrass	Guineagrass	Sprangletop	
Cupgrass	Johnsongrass, seedling	Stinkgrass	
	Kentucky bluegrass	Torpedograss	

Brush Control Use Directions

Derringer Herbicide will provide control or suppression of the perennial woody species (brush) listed below. Use Derringer Herbicide at rates from 2 to 6 quarts per acre to impact the growth of woody plants and not to exceed 6 gallons per acre per year. Non-ionic surfactants (NIS) or methylated seed oils (MSO) may be used when making foliar applications. Follow any special instructions on the surfactant manufacturer's label.

For hard-to control woody plants such as elm, certain oaks or when plant leaf surfaces have hardened off, use the higher rate of Derringer Herbicide or tank mix Derringer Herbicide with other herbicides registered for control of these woody plants. High recommended rates per acre of this product should be used when conditions are not optimum for spray coverage, such as when weed growth is heavy or dense. Lower recommended rates should be used when the target species is conifer and when vegetation growth conditions allow for uniform spray coverage.

Foliar Treatments With Ground Equipment

High Volume Applications

Use high volume applications for optimum performance when spraying medium to high density vegetation. Use equipment calibrated to deliver 50 to 100 gallons of finished spray per acre. Do not apply more than 6 quarts of Derringer Herbicides per acre. For best results, make sure that the targeted plant foliage is thoroughly covered.

Low Volume Applications

Use low volume applications when brush height is less than 6 feet and brush cover is less than 60% of the area. Use equipment calibrated to deliver 10 to 50 gallons of finished spray per acre. Do not apply more than 6 quarts of Derringer Herbicides per acre.

Broadcast Applications With Ground Equipment

Use equipment calibrated to deliver 20 - 100 gallons of finished spray per acre. The amount of spray solution to use will depend on the height and density of the brush. Use spray nozzles and equipment that will provide thorough coverage of the targeted brush species.

Brush* Suppressed or Controlled by Derringer Herbicide

blackberry
deer brush
Douglas fir
gallberry
hazel
honeysuckle
huckleberry
maple
multiflora rose
oak
pine
poison ivy
poison oak
roundleaf greenbriar
salmonberry
sweetgum
sumac
thimbleberry
trumpet creeper
vine maple
Western red cedar

***Not for use on brush in California**

SPRAY DRIFT MANAGEMENT

Spray equipment and weather affect spray drift. Consider all factors when making application decisions. Where states have more stringent regulations, they must be observed. Avoiding spray drift is the responsibility of the applicator. To reduce the potential for drift, the ground application equipment must be set to apply coarse or greater droplets (i.e., ASABE Standard 572.1) with corresponding spray pressure. Use high flow rate nozzles to apply the highest practical spray volume. With most nozzle types, narrower spray angles produce larger droplets. Follow the nozzle manufacturer's directions on pressure, orientation, spray volume, etc., in order to minimize drift and optimize coverage and control.

Sensitive Areas

Sensitive areas are defined as bodies of water (ponds, lakes, rivers, and streams), wetlands, habitats of endangered species and non-labeled agricultural crop areas. Applicators must take all precautions necessary to keep spray drift from reaching sensitive areas.

Only apply this product when the potential for drift to adjacent sensitive areas is minimal (e.g. when wind is blowing away from the sensitive areas). The applicator is responsible for considering all these factors when making decisions.

Wind

Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing. Many factors influence spray drift potential including droplet size, equipment type, and local terrain. Drift potential increases if wind is in excess of 10 mph, gusty, or below 2 mph (due to inversion potential). Always make applications when there is some air movement to determine the direction and distance of possible spray drift. The applicator should be familiar with local conditions and how it may influence spray drift.

Temperature Inversion

A surface temperature inversion (i.e., increasing temperature with increasing altitude) greatly increases the potential for drift. Avoid application when conditions are favorable to inversion. Presence of ground fog is a good indicator of a surface temperature inversion.

Controlling Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that still provide sufficient coverage and control. Uniform spray coverage is important to maximize weed control. Applying larger droplets will reduce drift potential, but will not prevent drift if applications are

made improperly or under unfavorable environmental conditions such as wind speed, temperature and humidity, and temperature inversion situations.

Spray volume, pressure, and nozzle selection are all important for reducing drift. Select a high flow rate nozzle to apply the highest practical spray volume. High flow rate nozzles produce larger droplets. Use lower spray pressures within the recommended range for the nozzle. If a higher flow rate is needed, increase the nozzle size instead of increasing pressure. Lower spray pressures produce larger droplets. Also, consider using low-drift nozzles.

Set the boom and make applications at the lowest height that safely permits uniform coverage of the soil and minimizes droplet evaporation. Avoid application if wind conditions are gusty. Local terrain may influence wind patterns. The applicator should be familiar with local conditions and understand how they may impact spray drift.

Drift Control Additive

Drift control additives may also be used with most spray equipment to reduce the potential for drift. When using a drift control additive, read and follow all directions on the additive label.

Shielded Sprayers

Shielding the boom or individual nozzles may also reduce the potential for drift. However, it is the responsibility of the applicator to verify that the shield does not interfere with uniform spray coverage.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store product in original container only. Store in cool, dry place.

Pesticide Disposal: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" designation.

Rigid, Non-refillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 pounds)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Do not transport if container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire, or other emergency, contact BAYER CROPSCIENCE LP at 1-800-334-7577, day or night.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury, other property damage, as well as other unintended consequences may result because of factors beyond the control of Bayer CropScience LP. Those factors include, but are not limited to, weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

Arsenal is a registered trademark of BASF.
Viton is a registered trademark of DuPont Company.
Derringer is a trademark of Bayer AG
Thru Valve-Boom is a trademark of Waldrum Specialties

Net Contents:

PRODUCED FOR



Bayer Environmental Science

**A Division of Bayer CropScience LP
PO Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709**

Derringer™ Herbicide (Pending) 07/01/2016